INDEX

Amberg, G. *See* Levenstam & Amberg

Asai, M. & Nishioka, M. Boundary layer transition triggered by hairpin eddies at subcritical Reynolds numbers, 101–122

Busse, F. H. *See* Clever & Busse

Chiareli, A. O. P. & Worster, M. G. Flow focusing instability in a solidifying mushy layer, 293–305

Clever, R. M. & Busse, F. H. Standing and travelling oscillatory blob convection, 255–273

Conway, J. T. Analytical solutions for the actuator disk with variable radial distribution of load, 327–355

Cooker, M. J. & Peregrine, D. H. Pressure-impulse theory for liquid impact problems, 193–214

Crouch, J. D. *See* Swearingen, Crouch & Handler

Dewar, W. K. & Huang, R. X. Fluid flow in loops driven by freshwater and heat fluxes, 153–191

Druzhinin, O. A. On the two-way interaction in two-dimensional particle-laden flows: the accumulation of particles and flow modification, 49–76

Ehmann, M. & Siekmann, J. Numerical study of the oscillations of axially excited liquid annuli with rotational symmetry enclosed in revolving circular cylindrical containers, 215–230

Evans, D. V. & Fernyhough, M. Edge waves along periodic coastlines. Part 2, 307–325

Fernyhough, M. *See* Evans & Fernyhough

Handler, R. A. *See* Swearingen, Crouch & Handler

Hocking, G. C. Supercritical withdrawal from a two-layer fluid through a line sink, 37–47

Huang, R. X. *See* Dewar & Huang

Kailasnath, P. *See* Stolovitzky, Kailasnath & Sreenivasan

Kaye, S. R. *See* Phillips, Kaye & Robinson

Levenstam, M. & Amberg, G. Hydrodynamical instabilities of thermocapillary flow in a half-zone, 357–372

Li, F. & Malik, M. R. Fundamental and subharmonic secondary instabilities of Görtler vortices, 77–100

Liu, P. L.-F. *See* Wen & Liu

Malik, M. R. *See* Li & Malik

Nishioka, M. *See* Asai & Nishioka

Peregrine, D. H. *See* Cooker & Peregrine

Phillips, C. G., Kaye, S. R. & Robinson, C. D. Time-dependent transport by convection and diffusion with exchange between two phases, 373–401

Pozrikidis, C. Finite deformation of liquid capsules enclosed by elastic membranes in simple shear flow, 123–152

Robinson, C. D. *See* Phillips, Kaye & Robinson

Siekmann, J. *See* Ehmann & Siekmann

Sreenivasan, K. R. *See* Stolovitzky, Kailasnath & Sreenivasan

Stolovitzky, G., Kailasnath, P. & Sreenivasan, K. R. Refined similarity hypotheses for passive scalars mixed by turbulence, 275–291

INDEX

Amberg, G. *See* Levenstam & Amberg

Asai, M. & Nishioka, M. Boundary layer transition triggered by hairpin eddies at subcritical Reynolds numbers, 101–122

Busse, F. H. *See* Clever & Busse

Chiareli, A. O. P. & Worster, M. G. Flow focusing instability in a solidifying mushy layer, 293–305

Clever, R. M. & Busse, F. H. Standing and travelling oscillatory blob convection, 255–273

Conway, J. T. Analytical solutions for the actuator disk with variable radial distribution of load, 327–355

Cooker, M. J. & Peregrine, D. H. Pressure-impulse theory for liquid impact problems, 193–214

Crouch, J. D. *See* Swearingen, Crouch & Handler

Dewar, W. K. & Huang, R. X. Fluid flow in loops driven by freshwater and heat fluxes, 153–191

Druzhinin, O. A. On the two-way interaction in two-dimensional particle-laden flows: the accumulation of particles and flow modification, 49–76

Ehmann, M. & Siekmann, J. Numerical study of the oscillations of axially excited liquid annuli with rotational symmetry enclosed in revolving circular cylindrical containers, 215–230

Evans, D. V. & Fernyhough, M. Edge waves along periodic coastlines. Part 2, 307–325

Fernyhough, M. *See* Evans & Fernyhough

Handler, R. A. *See* Swearingen, Crouch & Handler

Hocking, G. C. Supercritical withdrawal from a two-layer fluid through a line sink, 37–47

Huang, R. X. *See* Dewar & Huang

Kailasnath, P. *See* Stolovitzky, Kailasnath & Sreenivasan

Kaye, S. R. *See* Phillips, Kaye & Robinson

Levenstam, M. & Amberg, G. Hydrodynamical instabilities of thermocapillary flow in a half-zone, 357–372

Li, F. & Malik, M. R. Fundamental and subharmonic secondary instabilities of Görtler vortices, 77–100

Liu, P. L.-F. *See* Wen & Liu

Malik, M. R. *See* Li & Malik

Nishioka, M. *See* Asai & Nishioka

Peregrine, D. H. *See* Cooker & Peregrine

Phillips, C. G., Kaye, S. R. & Robinson, C. D. Time-dependent transport by convection and diffusion with exchange between two phases, 373–401

Pozrikidis, C. Finite deformation of liquid capsules enclosed by elastic membranes in simple shear flow, 123–152

Robinson, C. D. *See* Phillips, Kaye & Robinson

Siekmann, J. *See* Ehmann & Siekmann

Sreenivasan, K. R. *See* Stolovitzky, Kailasnath & Sreenivasan

Stolovitzky, G., Kailasnath, P. & Sreenivasan, K. R. Refined similarity hypotheses for passive scalars mixed by turbulence, 275–291

Swearingen, J. D., Crouch, J. D. & Handler, R. A. Dynamics and stability of a vortex ring impacting a solid boundary, 1–28

Wen, J. & Liu, P. L.-F. Mass transport of interfacial waves in a two-layer fluid system, 231–254

Worster, M. G. *See* Chiareli & Worster

Yih, C.-S. Kinetic-energy mass, momentum mass, and drift mass in steady irrotational subsonic flows, 29–36